



# Weather Briefing

## February 7, 2013



**National Weather Service**  
**Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)

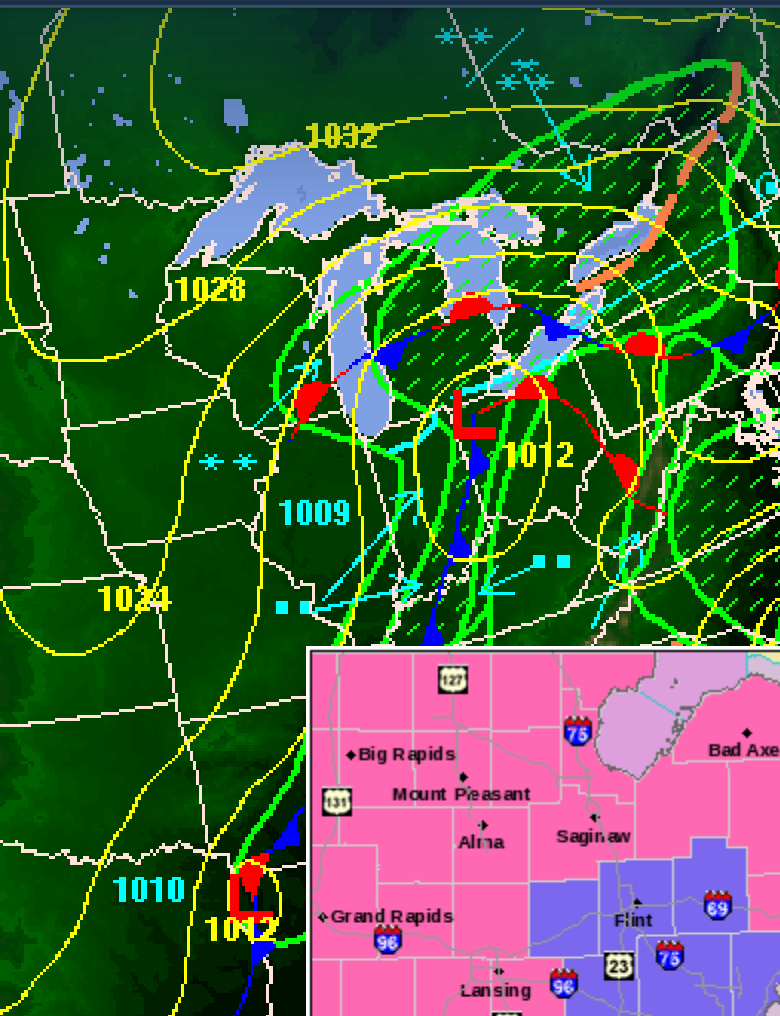


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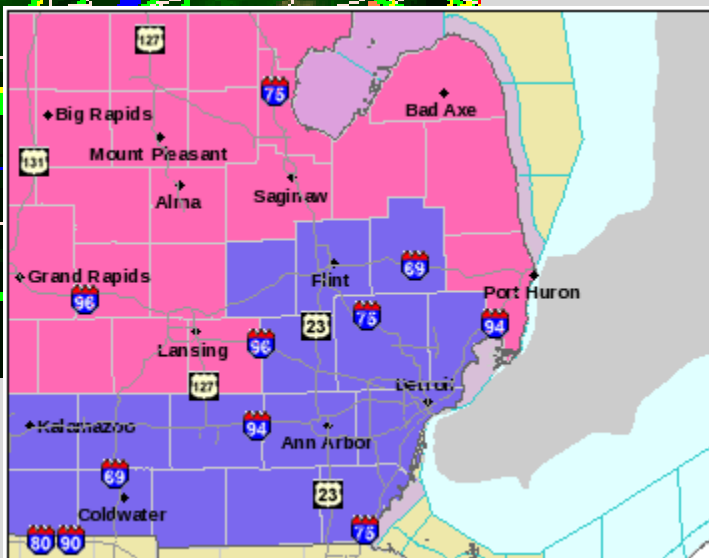




# Decision Support Briefing Highlights



Forecast for  
tonight



## Event Summary

**Winter Storm Warning** for a prolonged heavy Snow event across Tri Cities and Thumb regions beginning this evening

**Winter Weather Advisory** for tonight across a portion of Southeast Michigan that includes Detroit, Ann Arbor and Flint, for freezing rain and several hours of wet snow



# Winter Hazard Risk Assessment



**Extreme**

**High**



**Moderate**



**Low**

**This Event is a Rare Weather Event for warned counties**

**(Midland, Bay, Saginaw, Tuscola, Huron, Sanilac, St. Clair)**

**Large Disruption to Daily Life  
Potentially Life Threatening**

**Recovery Time**

**Several Hours to a Day After the Weather Ends**

**This Event is an Occasional Weather Event for advisory counties**

**(I-69 and south)**

**Some Disruption to Daily Life  
Rarely Directly Life Threatening**

**Recovery Time**

**+/- 6 Hours of When Weather Hazard Ends**

**Extreme:**

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

**High:**

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a day

**Moderate:**

- Occasional Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



# Potential Impacts

## Road Conditions

- Snow covered, especially after nightfall this evening
- Snowy or glazed roads expected into the Friday morning commute
- Air temperatures in the upper 20s and lower 30s at the start of the snow
- Temperatures falling into the mid to upper 20s by Friday morning

Power Outage Potential	High	Medium	Low 
Blowing/Drifting Potential	High	Medium	Low 



# Timing of Winter Weather

Saginaw Valley



## Beginning

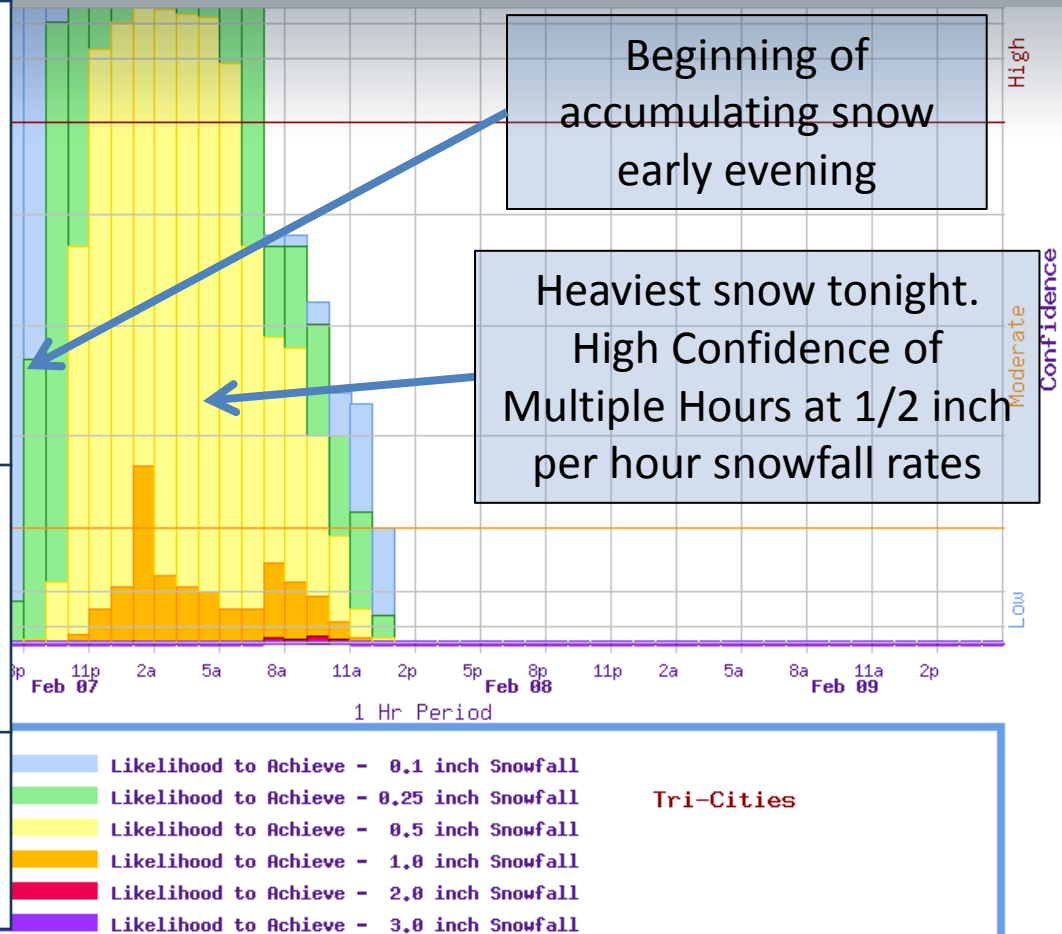
- Band of snow will set up over the Saginaw Valley this evening
- This band of snow will swing across the rest of Southeast Lower MI tonight

## Heaviest

- Heaviest snow is expected between 8pm this evening and 8am Friday Morning

## Ending

- Snow will end from west to east Friday morning



Snowfall Timeline



# Timing of Winter Weather

Metro Detroit and Flint



## Beginning

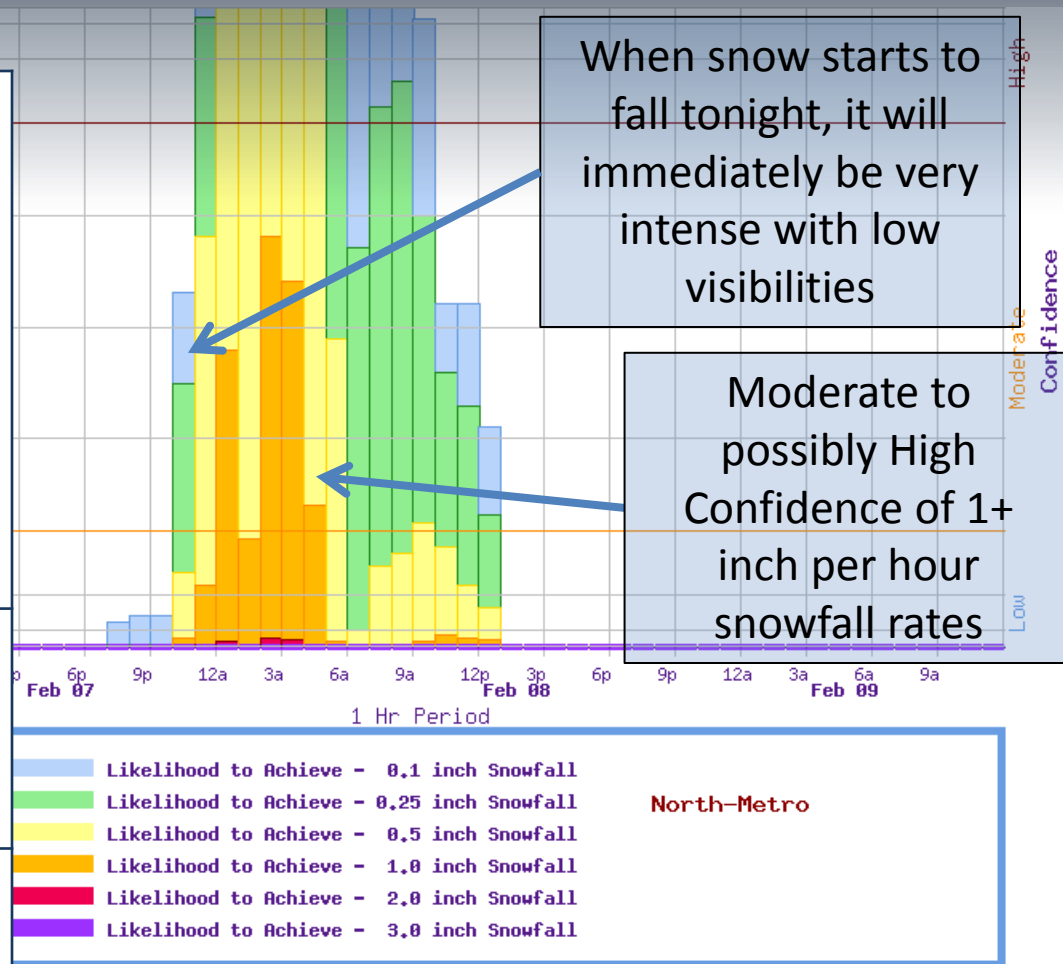
- Area of intense snow is expected to begin to affect Flint and Metro Detroit around midnight tonight
- Snow May be Mixed with Sleet and Freezing Rain across Ann Arbor and Detroit

## Heaviest

- Heaviest snow is expected between 1am and 8am Friday Morning

## Ending

- Snow will end Friday morning



Snowfall Timeline

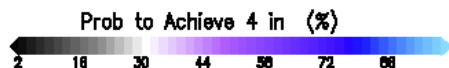
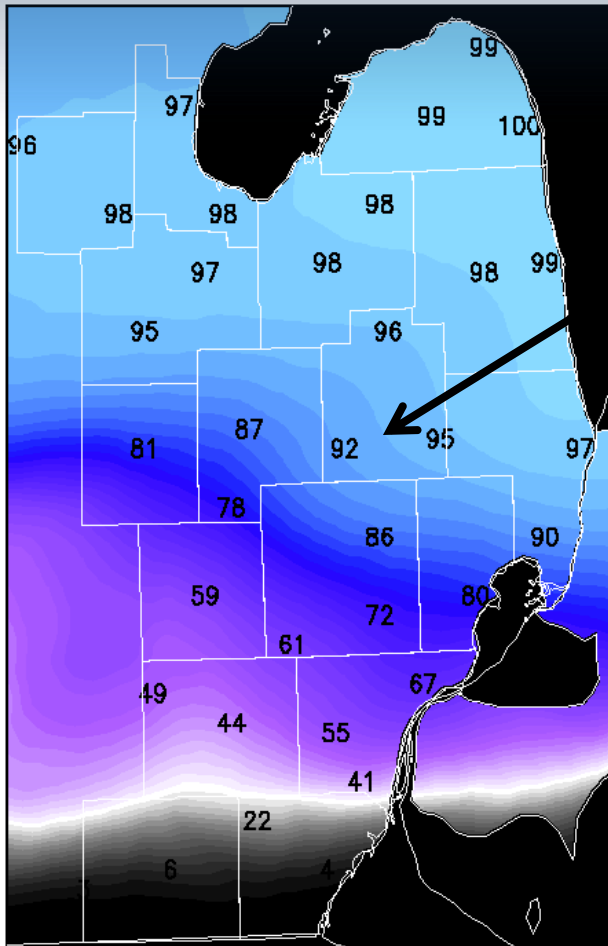


# Snowfall Confidence

## Storm Total



Storm PSnow (%) thru 02/08/2013 12EST

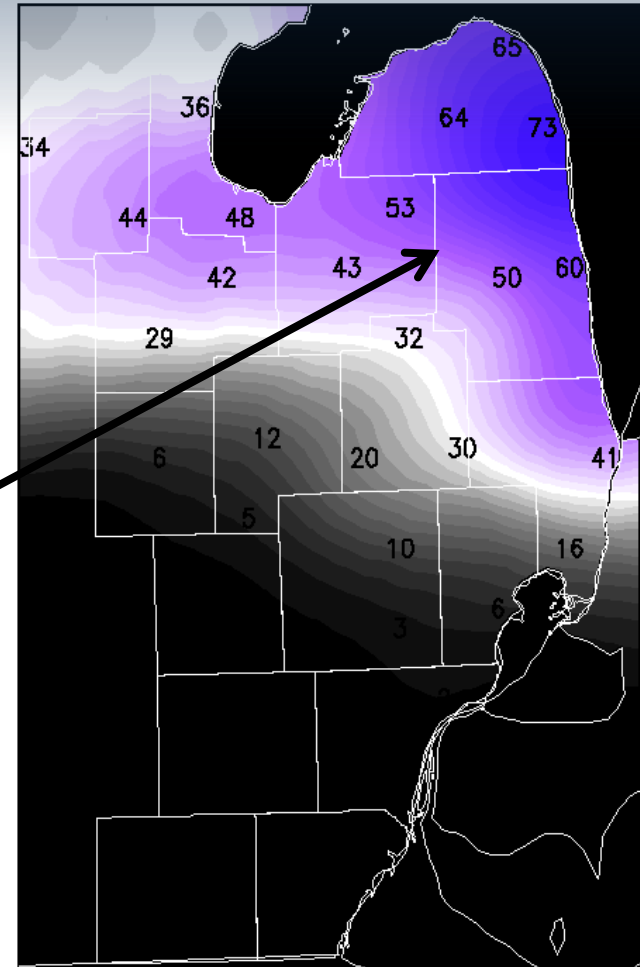


### AREA View

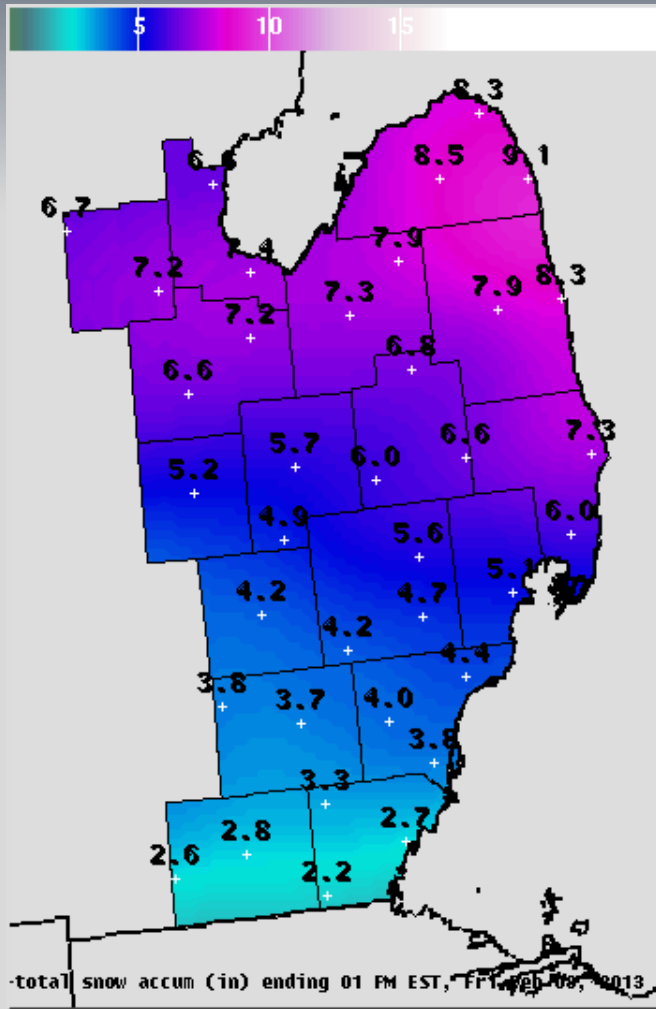
High confidence snowfall totals will achieve 4 inches.

Moderate confidence snowfall totals will achieve 8 inches

Storm PSnow (%) thru 02/08/2013 12EST







## Snow Total for the Thursday and Thursday Night (in inches)

- **6 to 9 inches: Tri Cities and Thumb Regions**
  - **4-7 inches: I-69 to M-59**
- **2 to 4 inches plus icy mix: South of I-96**

## Typical Water Content for Southeast Michigan... Wetter and Heavier than the past week's snowfalls

- **Some gusty winds for the Lake Huron Shoreline**
- **Visibilities will potentially be reduce to a ¼ mile or less during the heaviest of the snowfall**





# Decision Support Briefing Summary



What	Where	Timing	Impacts
<b>Snow</b> 6-9 inches	Tri Cities and Thumb Regions	This Evening through Friday Morning	Snow covered roadways Reduced Visibilities
<b>Snow</b> 4-7 inches	I-69 to M-59	Overnight to Friday Morning	Many Snow covered roadways Reduced Visibilities
<b>Snow</b> 2-4 inches <b>Ice</b> Glazing to .1"	Metro Detroit south To Ohio Border	Overnight to Friday Morning	Some snow covered and icy roads



# Additional Information



## Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

## Great Lakes Marine Portal

<http://www.weather.gov/greatlakes>

## Hourly Wind Probabilities

<http://www.crh.noaa.gov/dtx/?n=pwind>

## Hourly Snowfall Probabilities

<http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities>

## NWS Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)



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